2005 TACOM LCMC APBI

"Partnering to Reset, Recapitalize, and Restructure the Force"

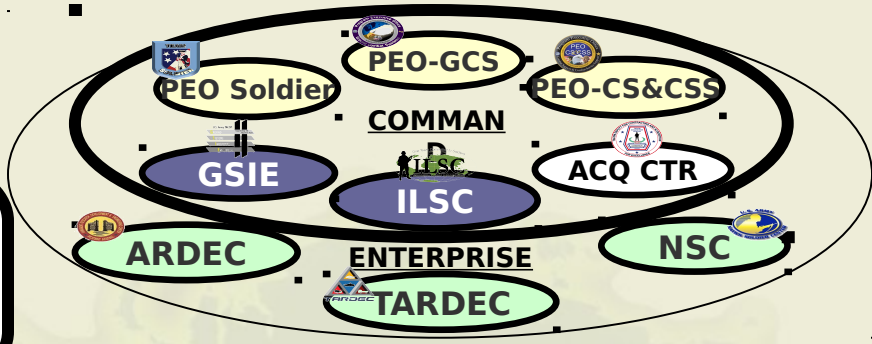
MG Mike Lenaers

27 October 2005

TACOM LCMC

Mission / Product Lines / Magnitude

Develop, acquire, field, and sustain Soldier and ground systems for the Warfighter through the integration of effective and timely Acquisition, Logistics, and cutting-edge Technology



What we do (Core Competencies):

- **A**cquisition / Program Management
- **L**ogistics, Industrial Operations, and Contracting
- **T**echnology, Research, Development, Engineering

The Magnitude:

- 141 Allied Countries Own TACOM Equipment
- Every Army Unit has TACOM Equipment
- Approximately 3,000 Fielded End Items

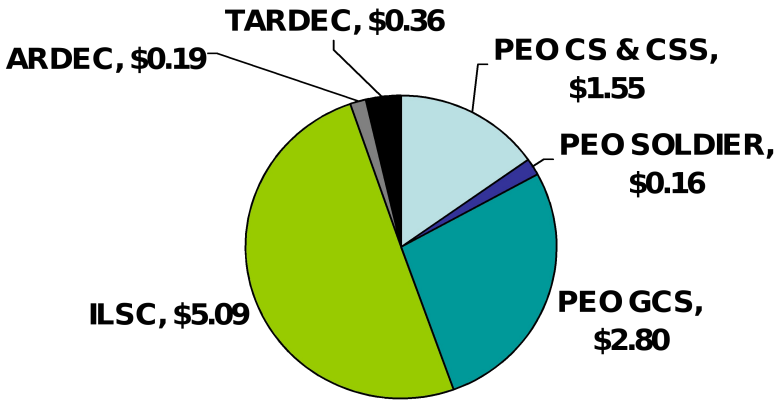
The TACOM LCMC Product Lines:

- **Combat Vehicles**
- **Trailers**
- **Materiel Handling Equipment**
- **Fuel & Water Dist Equipment**
- **Chemical Defense Equipment**
- **Howitzers**
- **Commercial Vehicles**
- **Tactical Vehicles**
- **Construction Equipment**
- **Sets, Kits & Outfits**
- **Shop Equipment**
- **Large Caliber Guns**
- **Watercraft**
- **Mortars**
- **Aircraft Armaments**
- **Rail**
- **Fuel & Lubricant Products**
- **Rifles / Machine Guns**
- **Soldier Equipment**

We support a diverse set of product lines through their life cycles, from combat and tactical vehicles, armaments, watercraft, fuel and water distribution equipment, to soldier, biological, and chemical equipment.

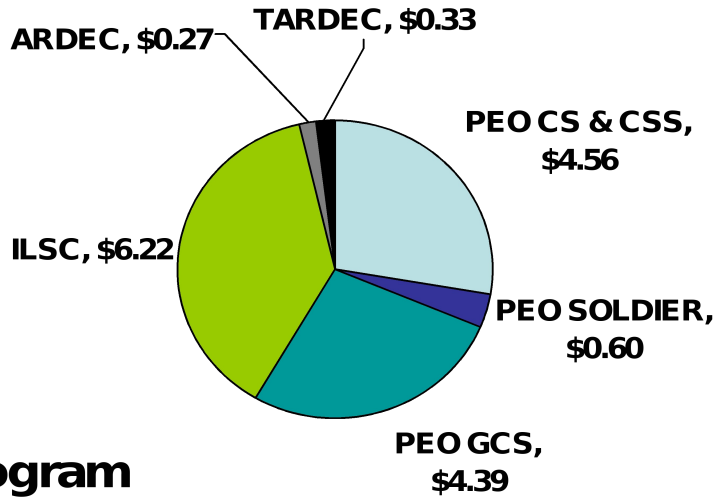
TACOM LCMC - FY05 Funding

Base Program



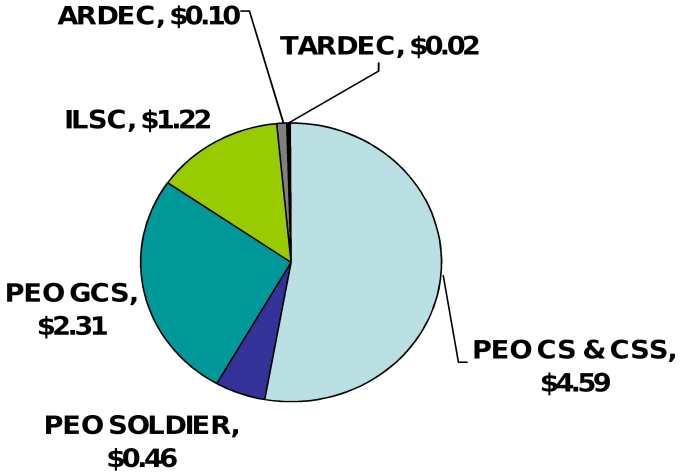
$10.138B

Obligations



$16.370 B

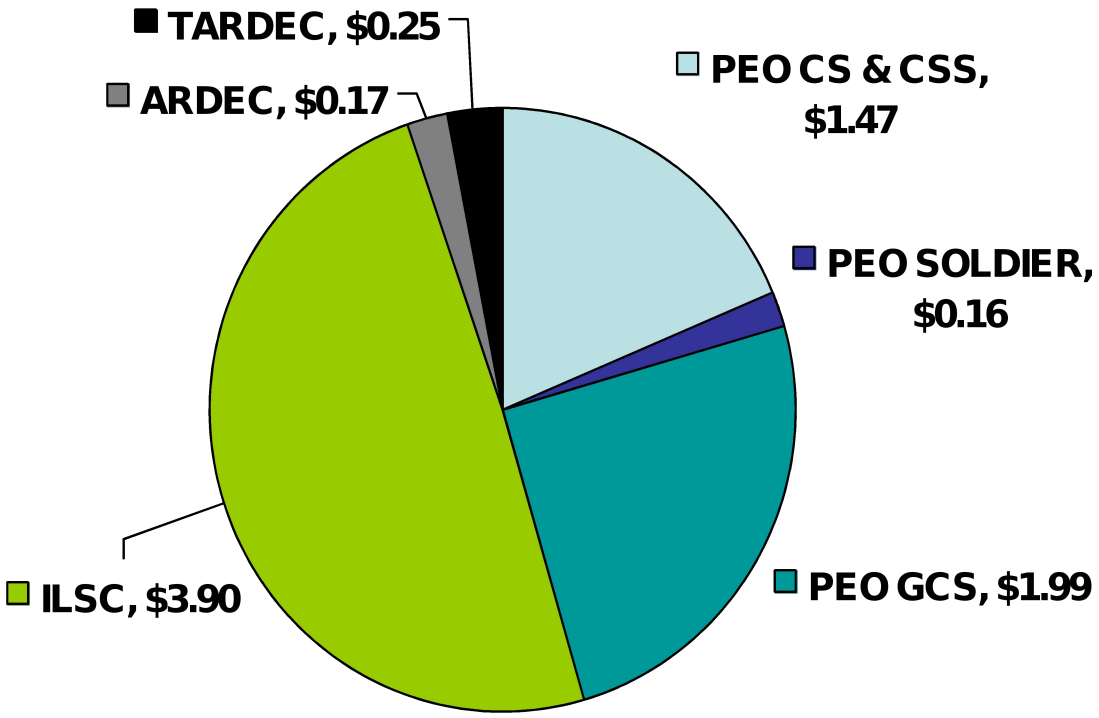
Supplemental Program



$8.701B

TACOM LCMC
FY06 Total Obligation Authority

Base Program
($Billions)



$ 7.939B

Supplemental

?

TACOM LCMC Supports An Army at War and Transforming

- Global War on Terrorism - #1

- Modularity

BUILDING MODULAR BRIGADE COMBAT TEAMS

RESET & RECAPITALIZATION

Army Force Generation (ARFORGEN)

- Future Combat System

TACOM LCMC's Priorities

Support to Operation Iraqi Freedom and Operation Enduring Freedom

- ***Forward Repair Activity***
- ***Logistics Assistance Reps (LARs)***
- ***Integration Readiness Teams***
- ***Vehicle Protection Kits***
- ***Wheeled Vehicle Service Center***
- ***Small Arms Support Center***
- ***Mobile Tire Service Center***
- ***Mobile Parts Hospital***

Stryker Sustainment in AOR
Team Armor Partnership
Rapid Fielding Initiative

Support to Iraqi Security Force
Support to Iraqi Ministries
Support to Afghan Security Force

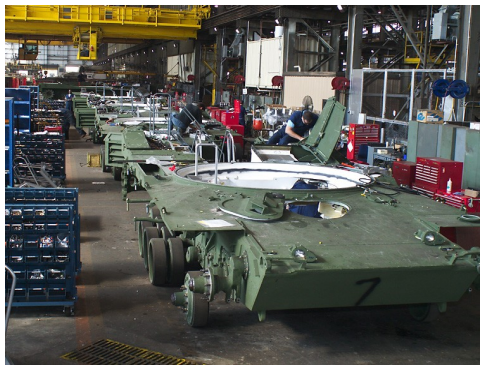
Reset Execution
Modularity Execution

In support of Operation Iraqi Freedom TACOM LCMC personnel perform manufacturing, maintenance, assembly, repair, and upgrade in theater.

TACOM LCMC RESET & RECAPITALIZATION

(Ongoing)

3rd ID	101st ABN	1st AD/3BCT	3rd ACR	82nd AB 18th AB Corps	4th ID/III Corps
1 July 04	4 Oct 04	18 Oct 04	27 DEC 04	17 Dec 04	1 Jan 05
2039 pieces	1170 pieces	326 pieces	446 pieces	748 pieces	886 pieces
Complete	Complete	Complete	Complete	Complete	99%
☑	☑	☑	☑	☑	☐



M1 Tank RESET at Anniston Army Depot

FMTV RESET at Stewart & Stevenson

10th MTN	I Corps	1st AD	1ID 1St BCT	25th ID	1st Cav	1st ID USAREUR
1 Feb 05	1 Feb 05	23 Apr 05	15 May 05	22 Sep 05	17 Oct 05	10 Nov 05
618 pieces	138 pieces	155 pieces	231 pieces	199 pieces	1084 pieces	255 pieces
Complete	Complete	94%	99%	42%	21%	35%
☑	☑	☐	☐	☐	☐	☐

TACOM Has linked RESET and Recapitalization efforts to the Army Modularity Campaign Plan

What is Recapitalization?

The rebuild and selected upgrade of currently fielded systems to ensure operational readiness and a zero time/zero mile condition with enhanced capabilities.

Rebuild – Restores equipment to a like-new condition in appearance, performance, and life expectancy; inserts new technology to improve safety, reliability and maintainability where practical; system retains its model designation (OMA)

Selected Upgrade – Rebuild of system and adds warfighting capability improvements to address capability shortcomings; results in a new model with new life (OPA)

Two Paths

Rebuild - OMA

Zero Time/Zero Mile Maintenanc

Technology Insertion

Same Model-New Life

Selected Upgrade -

Zero Time/Zero Mile Maintenance

Technology Insertion

Upgrade Warfighting Capability

New Model-New Life

RECAP GOALS:

- ✓ **Enhance effectiveness & warfighting capability**
- ✓ **Extend service life**
- ✓ **Reduce Operating & Support (O&S) costs**
- ✓ **Improve reliability, safety, maintainability**

What systems do we recap?

The criteria we consider …

- **Exce**
- **Cost effective (recap vs maintain or buy new)**
- **Readiness trends**
- **O & S costs**
- **In fleet beyond 2020**

TACOM LCMC RESET – Major Army Divisions (Future)

Equipment requirements will be finalized as units begin redeploying to home stations.

2 BCT/2ID | 10th MTN/2 BCT | 25th ID/1 SBCT | 3rd ID

FY 06

11 ACR | 1 COSCOM | 18th ABC HQ | 3rd ACR | 3/1 AD | 82nd ABN/1 BCT

Numerous Nat'l Guard / Reserve Component unit redeployments at 20 sites & echelons above divisions/corps at 10 separate

Modularity & ARFORGEN

Modular Army

Intent: Create a Brigade Based Army

(Less than 4,000 Soldiers in each Brigade)

X
Infantry

X
Heavy

X
Stryker

X
FCS
Future

Standard maneuver brigades with organic combined arms capabilities

X
Maneuver Enhancement

X
Reconnaissance, Surveillance, Target Acquisition

X
Aviation

X
Fires

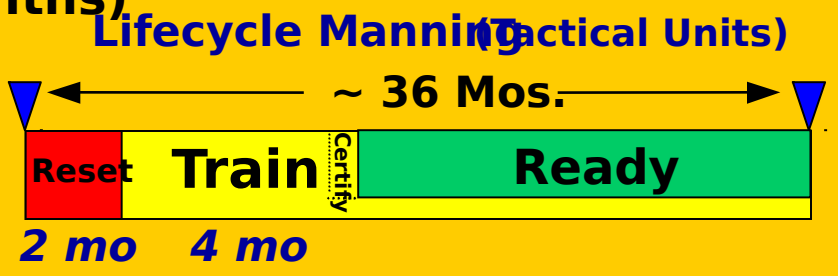
X
SUST
Sustainment

Supporting brigades with standard headquarters, but variable subordinate units

Force Stabilization

Unit Stabilit

- Align Soldier assignments with a unit's operational cycle (~36 months)
- Soldiers arrive, train, deploy, and depart together
- Improves cohesion and training effectiveness



Individual Stabili

- Stabilize Soldiers for longer tours; assignments based solely on this criteria: Needs of the Army, Leader Development or Personal Preference.
- Improves stability and predictability for Soldiers and Families
- NCOs and junior officers travel to schools and return to their

PREDICTABILITY

THE ARMY CAMPAIGN PLAN

	FY04	FY05	FY06	FY07	FY08	FY09	FY10
AC DIV BCTconvert w/ HQs							
AC BCT Builds	4 4 3	4 4 2	4 3 4 4	3 4 4 4			
ARNG DIV							
ARNG BCTs		30 HVY, 81 HVY, 39 IN	116 HVY, 256 HVY, 278 ACR (HVY), 56 IN, 155 HVY, 29 IN	48 HVY, 32 IN, 53 IN, 86 IN, 2 IN, 76 IN	41 IN, 218 HVY, 1 HVY, 49 IN, 1 IN, 149 IN, SBCT 56 #6	50 IN, 45 IN, 92 IN, 2 IN, 37 IN, 2 IN	55 HVY, 3 IN, 26 IN, 3 IN, 66 IN, 207 IN
Army Expeditionary Force	34.7 K Restructure	- 7.5K	-15.0K	-12.2K			
		AEP 1 / AEP 2	AEP 3 / AEP 4	AEP 5 / AEP 6	AEP 7 / AEP 8	AEP 9 / AEP 10	AEP 11 / AEP 12
		Army Expeditionary Packages (AEP)					
STRYKER (Availability)	SBCT2	SBCT3	SBCT4	SBCT5	SBCT6		

DP Decision point for an additional 5 AC Modular Brigade Combat Teams

Army Maneuver Brigades 2004

	AC	ARNG	Total
Airborne	4	0	4
Infantry	10	15	25
Stryker	2	0	2
Heavy	17	23	40
Total	33	38(*15)	71

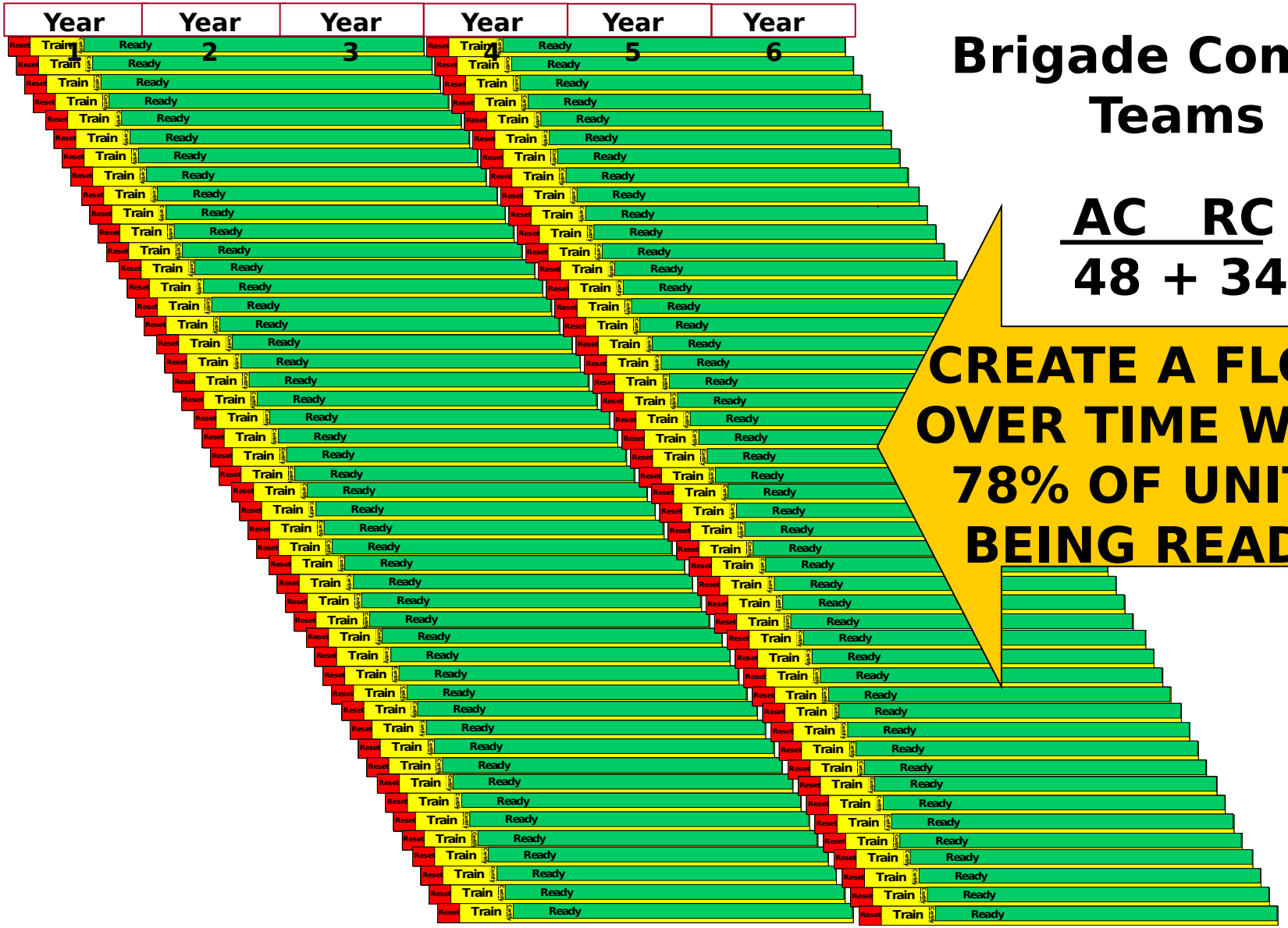
*15 Enhanced Separate Brigades

Army Maneuver Brigades 2010

	AC	ARNG	Total
Airborne	6	0	6
Infantry	12-17	23	35-40
Stryker	5	1	6
Heavy	20	10	30
Total	43-48	34	77-82

- **Increased Joint Combat Capability**
- **Globally Managed Deployments**
- **Modular AC/RC Design**
- **Increased Readiness**
- **Increases Stability**

Creating Predictably Ready Forces



Brigade Combat Teams

AC RC

48 + 34

CREATE A FLOW OVER TIME WITH 78% OF UNITS BEING READY

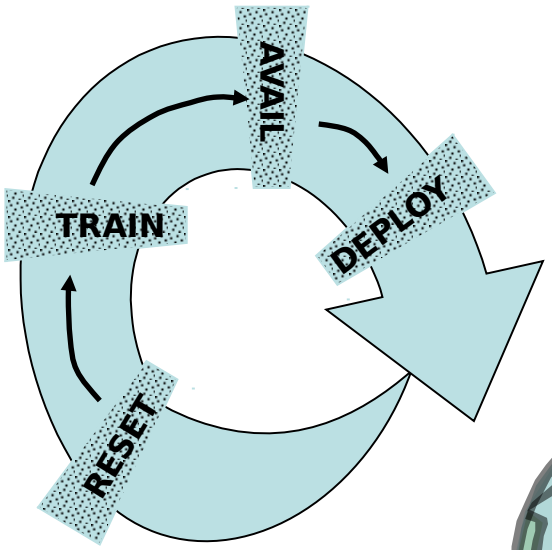
Ready & Available Forces

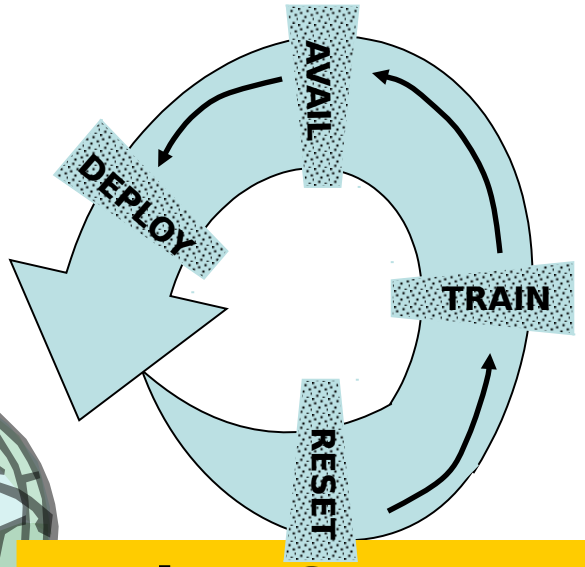
STILL NEED TO WORK SUPPORT BRIGADES

72 – 82 BCTs

8 x DIV
34 x BCT

10 x DIV
43-48 x BCT





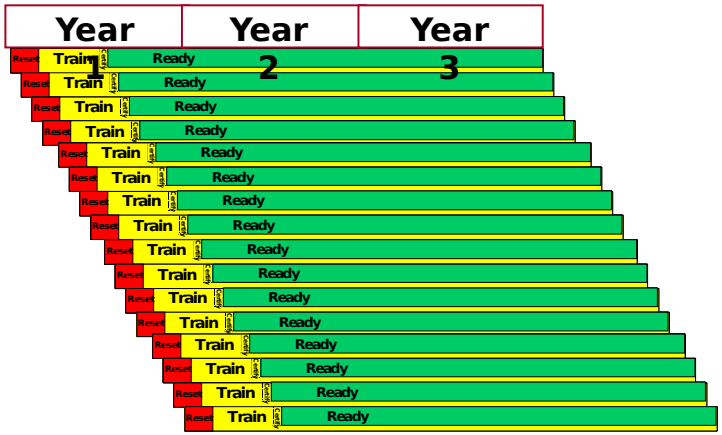
Reserve Component
5 Year Cycle

Active Component
3 Year Cycle

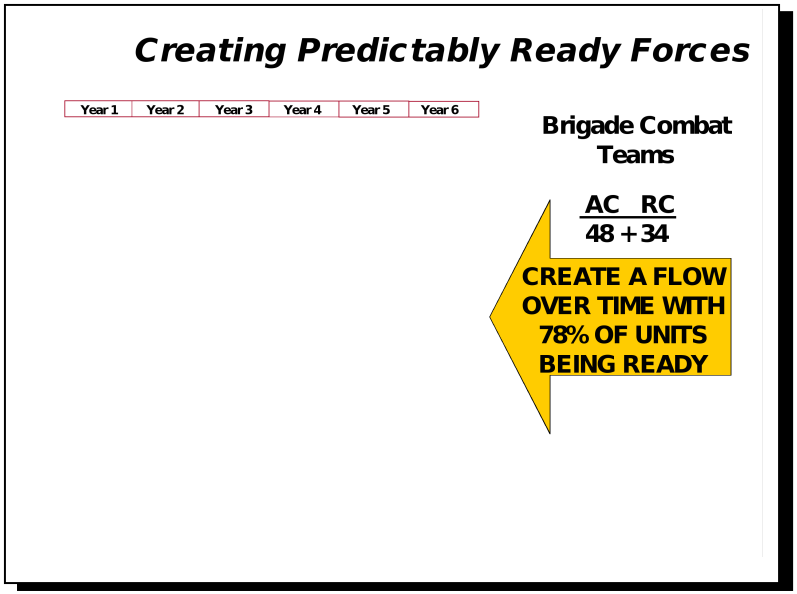
Worldwide Deployments

ARFORGEN

Reset Support a Continuing Requirement



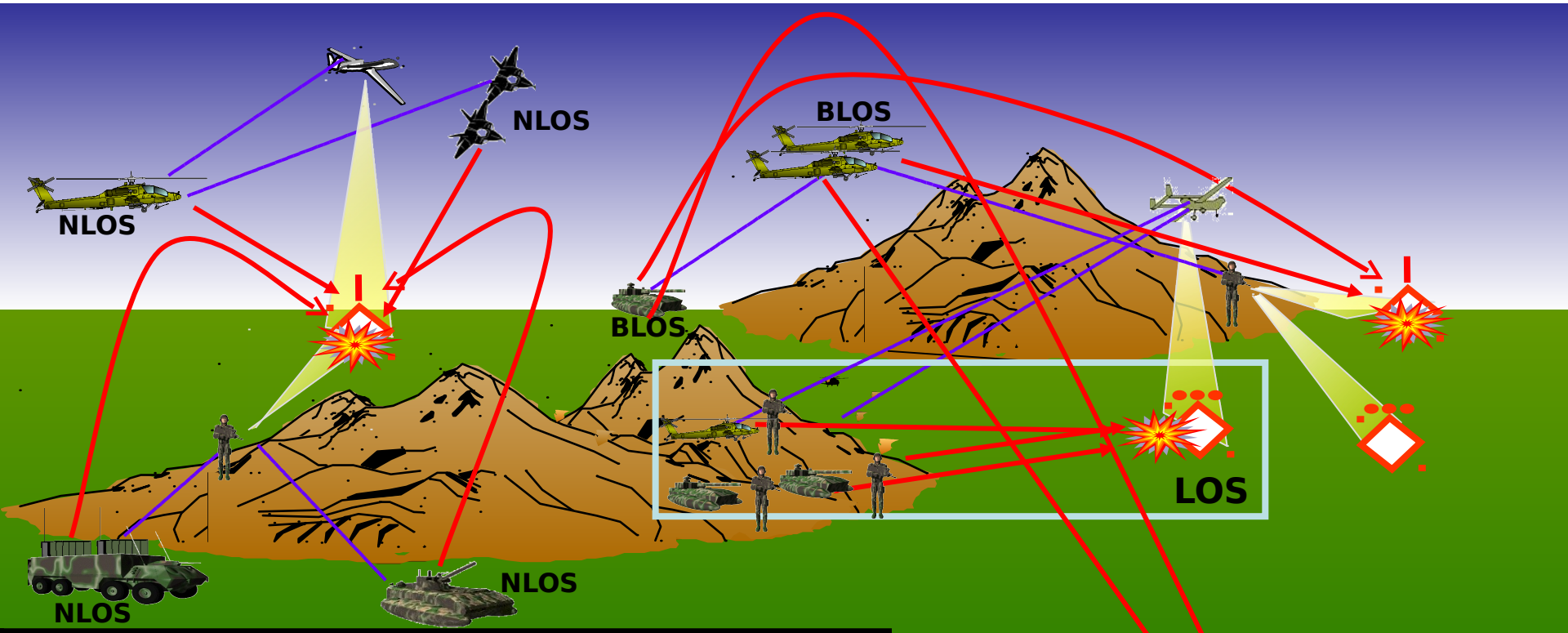
ABOUT 14 BRIGADES GO THROUGH RESET EACH YEAR



- **WINDOW FOR TECHNOLOGY INSERTION**
  - **HOW DO WE COMPLETE IN SHORT WINDOW?**
  - **DO WE MOVE EQUIPMENT?**
  - **DO WE CASCADE EQUIPMENT?**
- **WHO DOES THE WORK?**

Continued Commitment to Future Combat System

FUTURE COMBAT SYSTEMS
FCS
One Team-The Army/Defense/Industry



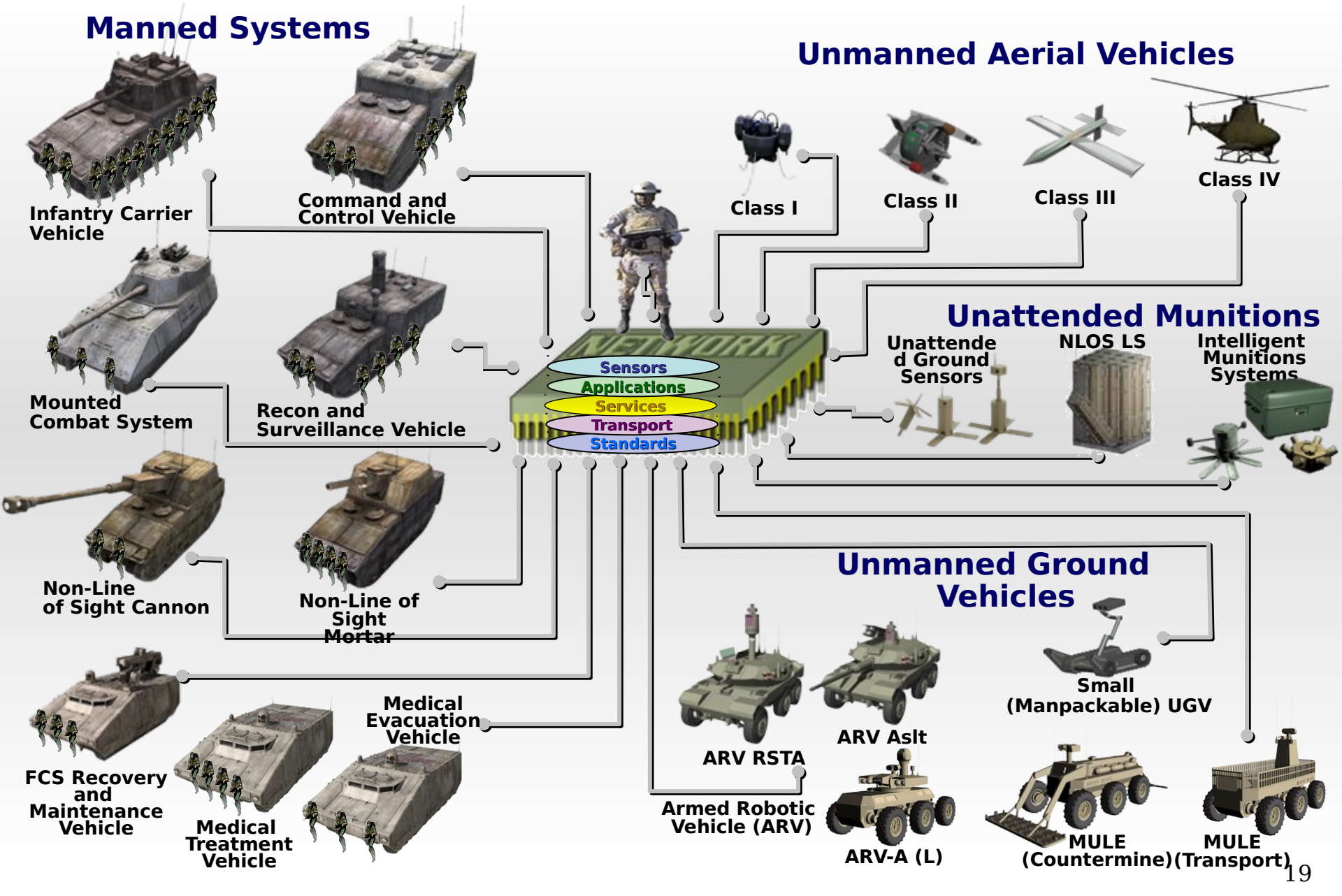
Concept of Operation

- Deploy rapidly from strategic distance
- Ready to fight shortly after arrival
- Develop the situation out of contact (COP)

UNCLASSIFIED

UNCLASSIFIED

FCS (BCT) System-of-Systems (SoS)



TACOM LCMC

PART OF AN ARMY AT WAR AND TRANSFORMING

- Sustaining the Global War on Terrorism
- Supporting Army Modular Force
  - Rebalancing the Force
  - Resetting the Force
  - Recapitalization of Equipment
- Future Combat Systems

The objective is to get products to the warfighter faster, make our good products even better, minimize life cycle costs, and enhance the effectiveness and integration of our Acquisition, Logistics, and Technology communities.